Quick Start Guide

HMEZ1000
Easy Start Kit

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Regulatory Information

Wireless Camera FCC ID NUMBER OU4-XWC700

USB Controller FCC ID NUMBER OU4-XBX200

INSTRUCTION TO THE USERS (IF DEVICE DOES NOT CONTAIN A DIGITAL DEVICE)

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

INSTRUCTION TO THE USER (IF DEVICE CONTAINS A DIGITAL DEVICE)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

This device must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Battery Life

For your Motorola Home Monitoring & Control System devices that require batteries, use high quality, non-corrosive batteries designed for use in electronic equipment. Battery life is one year with normal usage. Do not use Rechargeable batteries in any Motorola Home Monitoring & Control System device.

Registration

Register your product by accessing this website:

http://broadbandregistration.motorola.com

Motorola Home Monitoring & Control System Overview

Congratulations on your purchase of the Motorola Easy Start Kit. This guide describes how to set up and troubleshoot the components in your kit.

The Motorola Home Monitoring & Control System helps keep you informed day and night, rain or shine. The complete product line offers many advanced monitoring devices, including:

- Wired and Wireless video cameras
- Temperature sensors
- Water sensors
- Door/Window sensors

You can manage your system on your home PC. With a broadband Internet connection, you can specify e-mail and cell phone for delivery of notifications based on device events.

For more information about Motorola Home Monitoring & Control products, go to:

http://www.motorola.com/homemonitoring/

To register your product, go to:

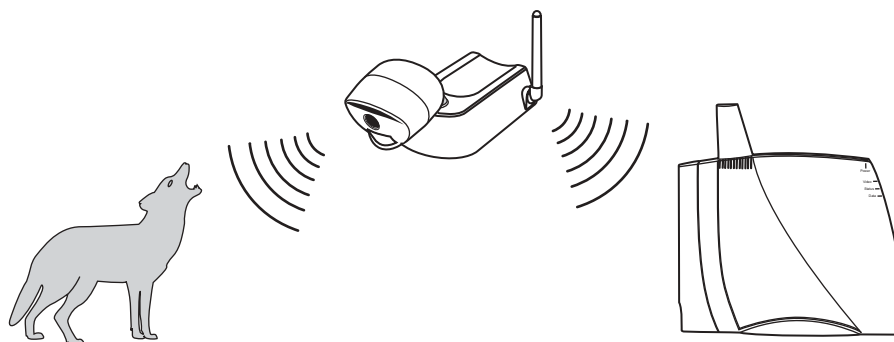http://broadbandregistration.motorola.com

Easy Start Kit Overview

This kit includes:

- Motorola Home Monitor software to manage cameras and sensors using your computer.
- One USB Gateway to connect to your computer to locally manage your Motorola Home Monitoring & Control System.
- One wireless high-resolution color video camera with a built-in heat-activated motion detector and microphone.

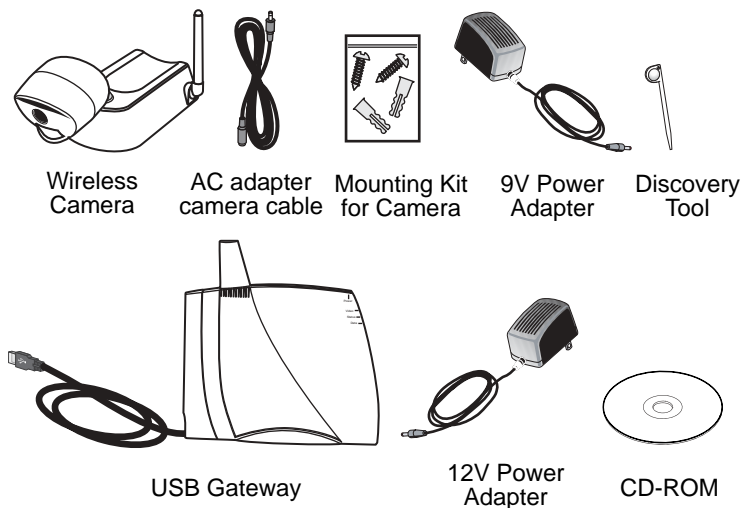The Wireless Camera surveys an area of about 20 feet (6 m) at a viewing angle of about 80 degrees. If you arm the Wireless Camera using the Motorola Home Monitor software, when the camera senses motion, it automatically begins transmitting video wirelessly.

The video is recorded in an archive on your computer. You can watch the video while the event occurs (in real time) or play the archive at a later time.

Package Contents

Wireless Camera   AC adapter camera cable   Mounting Kit for Camera   9V Power Adapter   Discovery Tool

USB Gateway   12V Power Adapter   CD-ROM

Computer System Requirements

- PC with Intel Pentium® 2 or faster processor
- 2X CD-ROM drive
- USB port
- 128 MB RAM running Windows Me®, Windows® 2000, or Windows XP™ for Home or Professional.
- 45 MB of hard drive space recommended for installation; 500 MB for archives (maximum).

Installation Overview
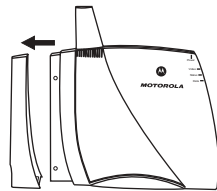
The general steps to install your Easy Start Kit are:

1   Using the Installation wizard on the Motorola Home Monitoring & Control System CD, click **Install Required Software** to install the Motorola Home Monitor software.

2   **Do NOT connect your USB Gateway to your computer until instructed to do so**. When the Installation wizard instructs you, connect your Motorola USB Gateway to your computer.

3   Plug in your Motorola Wireless Camera into an AC wall outlet and use the Discovery tool to enable the Motorola Home Monitor software to discover the camera.

4   Install your camera at the desired location.

5   (Optional) Discover and install any other Motorola Home Monitoring & Control components you have purchased.

Review the Tips and Tricks section of the *Motorola Home Monitoring & Control System User Guide* for ways to improve the performance of your Motorola Home Monitoring & Control System.
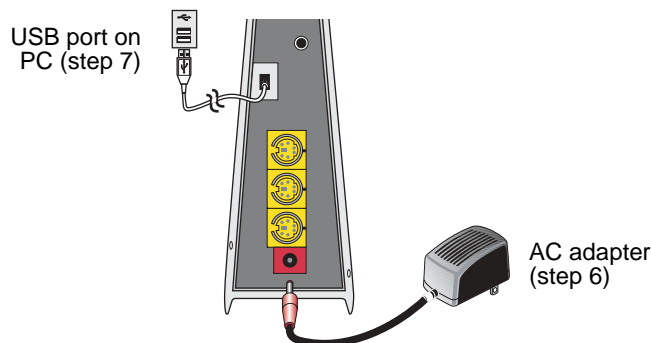
Installing the Software and USB Gateway Hardware

Do not connect your USB Gateway to your computer until the Installation Wizard instructs you to do so.

1   Insert the Motorola Home Monitoring & Control System CD in the CD-ROM drive. The Motorola Home Monitor Installation wizard is displayed.

    a   If the application does not appear, right-click the Start button and select **Explore**.

    b   Select your CD-Rom and click to open.

    c   Double-click **Launch.exe** to start the application.

2   Click **Next**. The Choose Destination Location window is displayed.

3   Click **Next** to accept the default destination folder or click **Browse to** select a new one. After you click Next, the Select Program Folder window is displayed.

4   Accept the default folder or choose a new one. Click **Next**. The file installation begins. After a few moments, the Install Motorola Home Monitor Hardware and Driver window is displayed.
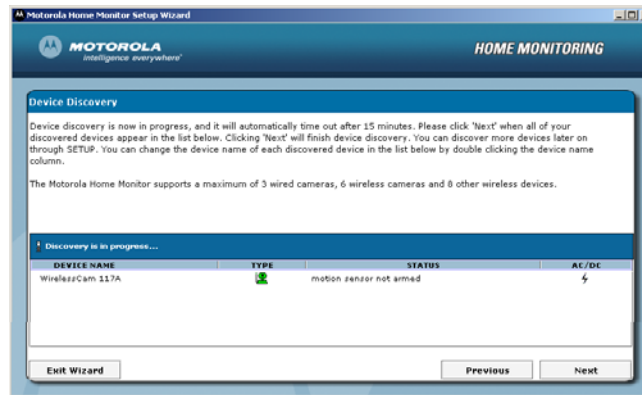
5   Remove the back cover from your USB Gateway.

6   Plug the AC adapter into the **Power** port on the USB Gateway and into an AC wall outlet. This powers on your USB Gateway.

7   Connect the USB cable on the Gateway to the USB port on your computer. Windows automatically installs the required drivers.

USB port on PC (step 7)

AC adapter (step 6)

8   If desired, replace the USB Gateway back cover as described in the *Motorola Home Monitoring & Control System User Guide*.

9   Once the driver installation is complete, click **Next**. The Software installation was successful window is displayed. Be sure the checkbox "Launch Motorola Home Monitor" is selected.

10   Click **Finish**. The Motorola Setup Wizard is displayed.

11   Click **Next**. The Introduction to Detecting Wired Cameras window is displayed. If you purchased a
      wired camera, you can connect it now.

12   Click **Next**. The Introduction to Detecting Devices window is displayed.

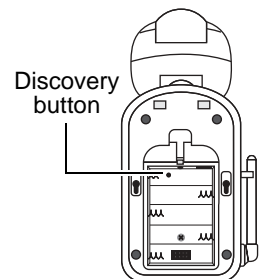13   Click **Next**. The Device Discovery window is displayed:

Each device must be discovered to work with the system.

14   Plug in the wireless camera's 9V AC power adapter into an AC power outlet that cannot be
      switched on and off. *If possible, we recommend powering the camera using its AC adapter.
      When AC power is not available, you can use batteries to provide power for about two hours of
      video transmission.* **The Wireless Camera must use AC power for the discovery process**.

15   To associate the Wireless Camera with your USB Gateway, push the
      discovery button on the camera with the discovery tool.
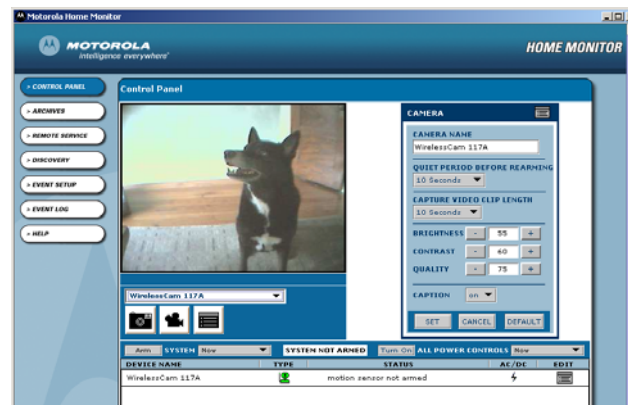
      After the camera is discovered, it is listed on the Device Discovery
      window.

      If desired, unplug the camera and move it to the desired location. The
      camera will remain "discovered." For information about mounting the
      camera, see the *Wireless Camera Quick Start Guide*.

Discovery button

16   Click **Next**. A window displays. If you have a Wi-Fi® wireless network,
      choose the Wi-Fi network *channel* from the drop-down list and click **Next**. The Motorola Home
      Monitor software intelligently works around this channel. If you do not have a Wi-Fi wireless
      network, choose **Don't Know** from the drop-down list and click **Next**. You can change this later.

17   Click **Next**. The Finish Setup window is displayed. Click **Finish** to complete the setup. The Home
Monitor Control Panel is displayed:

Remote Notification Setup

This section instructs you on how to configure and test your Remote Notification using your Wireless
Camera. It configures an Event Setup using your Wireless Camera and then guides you through noti-
fication configuration.

Event Setup for Wireless Camera

1   From the Control Panel window, access the properties for your Wireless Camera by clicking the
Edit Properties icon of your Wireless Camera.

2   Name your camera as you wish and alter the settings of the camera to 60 seconds Quiet Period
Before Rearming, 10 second Video Capture Length and leave the Brightness, Contrast, and
Quality at their default settings. For more information, see the Motorola Home Monitoring &
Control System User Guide.

3   Click **Event Setup**.

4   Choose a *Sensor Device*, in this case, your Wireless Camera.

5   Choose **Motion Detected** for your Event.

6   Select **Send to Local Archive**.

7   Click **Update** to save the changes to your Wireless Camera and your Event Setup is complete.

Profile Setup Overview

To create a profile, you first have to set up the SMTP (Simple Mail Transfer Protocol) information necessary for transmitting the alerts. Then, you have to configure a profile using the information you entered in SMTP setup.

Determining Your E-Mail (SMTP) Server Name

This section enables you to learn your Outgoing Mail (SMTP) server information if you are using Outlook Express 6.0. If using a different version, the steps may vary. You can also contact your ISP (Internet Service Provider) as they will have this information. The *Motorola Home Monitoring & Control System User Guide* has a short listing of popular ISP SMTP server names as well.

1   Start Outlook Express.

2   Select **Accounts...** from the Tools menu. The Internet Accounts window is displayed.

3   Click the **Mail** tab.

4   Click your *Mail Sever Account*, for example, mail.comcast.net, from the list and click **Properties**. The Properties window is displayed.

5   Click the **Servers** tab.

6   Write down your *Outgoing mail server (SMTP)*, for example smtp.comcast.net. This server name must be entered into the Motorola Home Monitor software by clicking on the Event Setup button in the Motorola Home Monitor program.

7   Click **Cancel** and then **Close**.

SMTP Setup

1   Return to the Motorola Home Monitor program and click **Event Setup** from the main menu of the MHM program.

2   Click **Edit SMTP Info**.

3   Enter the *Outgoing Mail (SMTP)* and your *E-Mail Address* necessary for your mail server. If your server requires authentication, select the checkbox and enter the necessary information. The *Account Name* and *Password* are for your Authentication Server, if using one.

4   Click **OK** when finished. You are now able to set up profiles to send event notifications.

Profile Setup

1   Click **Event Setup** from the main menu of the MHM program. If prompted for SMTP, see SMTP Setup and then complete the instructions here.

2   Click **Edit Profiles**.

3   Select the *Notification Type*.

4   Enter an *E-mail Address*.

5   Click **Add**. The Profile configured displays in the Profiles List. You will now be able to select this profile when setting up an event action.

6   Click **Done** to exit.

Troubleshooting

Problem	Solution
Camera will not register with the Gateway	• Ensure the camera is powered. • Ensure that the Gateway is powered and online. • Ensure you are pressing the Discovery button. • Reposition the camera closer to the Gateway.
No camera picture	• Ensure the camera is powered. • Ensure that the Gateway is powered and online. • Ensure you have the proper camera selected. • Reposition the camera closer to the Gateway. • Reposition the antenna.
Poor picture quality	• Ensure that you are using the proper power supply. • Make sure proper camera quality settings are configured when viewing. • Make sure your camera viewing area has proper lighting. • Try another location. • Adjust the camera antenna. • Select other operating channels on other 2.4 GHz devices
Motion events are not triggered	• Ensure the camera is not positioned behind glass. The motion sensor is triggered by changes in heat. Any material such as glass that "insulates" keeps the camera from detecting heat changes (movement). • Ensure the camera head is positioned properly.
Audio problems	• Make sure your volume is turned up when playing back the video clip. • Make sure the sound is within the microphone range (6-10 feet). • Does the computer have a sound card and are the speakers activated and loud enough?

If You Need Help

If you encounter a problem setting up your Easy Start Kit, try the following:

• Verify that you followed the steps in the order specified. Be sure you plugged in all components to AC power. If necessary, try again.

• Refer to your Motorola Home Monitoring & Control device *User Guides* (printed or on CD-ROM) and the Control Panel online help.

• Check the http://www.motorola.com/homemonitoring/ website.

• To request support seven days a week, 24 hours a day, go to http://www.motorola.com/homemonitoring/support/emailsupport.asp or call **1 (877) 466-8646**.

FAQ

The Gateway does not recognize the camera during discovery mode?

Make sure your Gateway indicates discovery mode and that the camera is using the proper power supply (9 volt). Press the Discovery button found inside of the battery compartment. If this continues to fail, you will need to try another location for the camera. You may also try a hard reset by holding down the Discovery button while powering up the camera. After resetting the camera, please try to discover the camera again.

How far away can the camera see?

Depending on the lighting conditions and the size of the object(s), you can view objects up to 200 feet (60 m) away with a viewing angle of 80 degrees. The motion sensor is capable of detecting objects up to 12 -14 ft. (3.5 - 4 m) with a field of view of 80 degrees.

How sensitive is the camera's microphone?

The microphone picks up normal conversation 6 to 10 feet away.

Visit our website at:

http://www.motorola.com/homemonitoring

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